IN THE CLAIMS:

The status of the claims is noted below.

1.   (Currently Amended) An information processing apparatus comprising:

an extracting means for extracting main information including first copy control information and auxiliary information representing attributes of said main information from input information, said main information further including an indication at least whether an apparatus that recorded said main information recognized and processed said first copy control information;

a first generating means for generating second copy control information based on said auxiliary information extracted by said extracting means if said main information indicates that said apparatus that recorded said main information did not recognize and process said first copy control information; and

an adding means for adding said second copy control information generated by said first generating means to said main information extracted by said extracting means.

2.   (Currently Amended) An information processing apparatus according to claim 1 further having:

a second generating means for generating information on validity of said first copy control information based upon whether said apparatus that recorded said main information recognized and processed said first copy control information; and

a means for adding said information on validity generated by said second generating means to said main information extracted by said extracting means.

3.   (Original)   An information processing apparatus according to claim 1 wherein:

said main information is a transport stream; and

said auxiliary information is information indicating a mode in which said main information is encoded.

4.   (Original)   An information processing apparatus according to claim 3 wherein said second copy control information is added to said main information by said adding means for each transport packet of said transport stream.

5.   (Original)   An information processing apparatus according to claim 1 wherein:

said input information is received through an IEEE1394 digital interface; and

said auxiliary information is an EMI.

6.   (Currently Amended) An information processing apparatus according to claim 1 further having:

an analyzing means for extracting said first copy control information from said main information and analyzing said first copy control information; and

a rewriting means for rewriting said first copy control information included in said main information in accordance with an analysis result output by said analyzing means ~~when it is determined that said main information indicates that said apparatus that recorded said main information did not recognize and process said first copy control information~~.

7. (Original) An information processing apparatus according to claim 1 further having a recording means for recording said main information including said second copy control information added by said adding means into a recording medium.

8. (Currently Amended) An information processing method adopted by an information processing apparatus for outputting information, said method comprising ~~the steps of~~:

~~an extracting step of~~ extracting main information including first copy control information and auxiliary information representing attributes of said main information from input information, said main information further including an indication at least whether an apparatus that recorded said main information recognized and processed said first copy control information;

~~a generating step of~~ generating second copy control information based on said extracted auxiliary information ~~extracted at said extracting step~~, if said main information indicates that said apparatus that recorded said main information did not recognize and process said first copy control information; and

~~an adding step of~~ adding said generated second copy control information ~~generated at said generating step of generating second copy control information~~ to said extracted main information ~~extracted at said extracting step~~.

9. (Currently Amended) A presentation medium used for presenting a program to be executed to drive an information processing apparatus to carry out processing including ~~the steps of~~:

~~an extracting step of~~ extracting main information including first copy control information and auxiliary information representing attributes of said main information from input information, said main information further including an indication at least whether an apparatus that recorded said main information recognized and processed said first copy control information;

~~a generating step of~~ generating second copy control information based on said extracted auxiliary information ~~extracted at said extracting step,~~ if said main information indicates that said apparatus that recorded said main information did not recognize and process said first copy control information; and

~~an adding step of~~ adding said generated second copy control information ~~generated at said generating step of generating second copy control information~~ to said extracted main information ~~extracted at said extracting step~~.

10.   (Currently Amended) An information processing apparatus comprising:

an extracting means for extracting main information including first copy control information and extracting second copy control information added to said main information from input information, said main information further including an indication at least whether an apparatus that recorded said main information recognized and processed said first copy control information;

a third generating means for generating rewrite information used for rewriting said first copy control information included in said main information in accordance with said second copy control information extracted by said extracting means if said main information indicates that said apparatus that recorded said main information did not recognize and process said first

copy control information; and

a rewriting means for rewriting said first copy control information included in said main information with said rewrite information generated by said third generating means.

11.   (Original)   An information processing apparatus according to claim 10 further having a playback means for playing back said main information including said additional second copy control information from a recording medium.

12.   (Currently Amended) An information processing apparatus according to claim 10 wherein:

said extracting means has a means for extracting information on validity of said first copy control information from said input information based upon whether said apparatus that recorded said main information recognized and processed said first copy control information; and

said apparatus further has an output means for outputting either said main information with said first copy control information rewritten by said rewriting means or said main information with said first copy control information not rewritten in dependence on said information on validity extracted by said extracting means.

13.   (Currently Amended) An information processing method adopted in an information processing apparatus for outputting information, said method comprising the steps of:

an extracting step of extracting main information including first copy control

information and extracting second copy control information added to said main information from input information, said main information further including an indication at least whether an apparatus that recorded said main information recognized and processed said first copy control information;

a generating step of generating rewrite information used for rewriting said first copy control information included in said main information in accordance with said extracted second copy control information extracted at said extracting step, if said main information indicates that said apparatus that recorded said main information did not recognize and process said first copy control information; and

a rewriting step of rewriting said first copy control information included in said main information with said generated rewrite information generated at said generating step of generating rewrite information.

14.   (Currently Amended) A presentation medium used for presenting a program to be executed to drive an information processing apparatus to carry out processing including the steps of:

an extracting step of extracting main information including first copy control information and extracting second copy control information added to said main information from input information, said main information further including an indication at least whether an apparatus that recorded said main information recognized and processed said first copy control information;

a generating step of generating rewrite information used for rewriting said first copy control information included in said main information in accordance with said extracted

second copy control information ~~extracted at said extracting step;~~ ~~if said main information~~ ~~indicates that said apparatus that recorded said main information did not recognize and process~~ ~~said first copy control information;~~ and

~~a rewriting step of~~ rewriting said first copy control information included in said main information with said generated rewrite information ~~generated at said generating step of~~ ~~generating rewrite information.~~